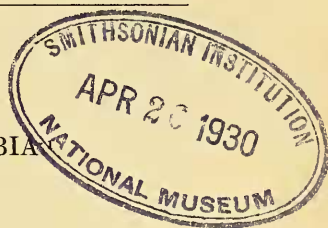


PROCEEDINGS
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A NEW BAT FROM COLOMBIA

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In working over a collection of mammals from Colombia, South America, received from the Instituto de la Salle at Bogota, the following new subspecies of bat was found.

Sturnira lilium bogotensis, subsp. nov.

Type.—Adult female, skin and skull, No. 251989 U. S. National Museum, collected at Bogota (Estacion "La Uribe"), Colombia.

Characters.—A small-toothed form like the Mexican *Sturnira lilium parvidens* Goldman, but with longer foot and forearm.

Color.—Upperparts clove brown slightly darker around eyes and extending unto forehead, the grayish white subapical band of the fur everywhere showing through the brown on the back. The fur at the base has a very narrow band of whitish gray, succeeded by a very broad band of brown, followed in turn by a somewhat narrower band of whitish gray, with the tips brown. These bands are strongly marked in the type as well as four other specimens examined. The fur is long and thick, about 9.2 on the back as compared with 6.5 in the type of *Sturnira l. parvidens*. The underparts are a lighter gray-brown with two large dark brown spots at the base of the wing surrounded by a border of lighter brown. Epaulettes present, but not strongly marked and the fur seems to be of the same texture as the surrounding fur, and in no instance is it bristle-like as in many specimens of *S. l. lilium*.

Skull.—The skull seems to be not different from that of the northern form except in its greater interorbital, zygomatic and cranial breadths.

Teeth.—Molariform teeth small in transverse extent like those of *S. l. parvidens*, the toothrow averaging shorter; in four skulls from Colombia the maxillary toothrow is 6.0-6.2 as against 6.2-6.4 in 3 skulls from Mexico.

Measurements.—Type: Head and body, 67.8; tibia, 15.8; foot, 15.0; thumb, 11.2; forearm, 45.2; third metacarpal, 45.0; fifth metacarpal, 45.5 (all measurements taken from dry skins); total length of skull, 22.6; condylo-basal length, 18.5; interorbital breadth, 6.1; zygomatic breadth, 13.2; breadth of braincase, 10.6; maxillary toothrow, 6.0, mandibular toothrow, 6.6; width at base of canines, 5.4.

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Specimens examined.—Five from the following localities: Bogota, 4 including the type, and Villavicencio, 1.

Remarks.—This bat has been compared with four specimens of *S. l. parvidens* in the U. S. N. M. collection, one skin, the type from Guerrero and three alcoholics all from Vera Cruz, Mexico. It is distinguished by its larger foot, 14.8–15.5 instead of 11.5–12.6, by its average longer forearm, 44.6–45.5 instead of 39.8–45.0, and length of third metacarpal, 43.0–45.8 instead of 39.0–44.0. The fur is also darker and thicker. In the synonymy under *Sturnira lilium* the names nearest it geographically are *erythromos* and *oporophilum*, Tschudi, Fauna Peruana, 1844, p. 64, the types of which, in Neuchatel, Switzerland, were examined and measured by Mr. G. S. Miller, Jr. in 1904. The measurements made by Mr. Miller show the wing and foot to be too small for the Colombia bat. The measurements are as follows: "*Phyllostoma erythromos* Tschudi, forearm, 40; tibia, about 14; foot, 11; third finger, about 90. *Phyllostoma oporophilum* Tschudi, forearm, 42; tibia about 18; foot, 11."